Application Number	10/667,144	
Filing Date	September 19, 2003	
First Named Inventor	Michael T. Carley	
Art Unit	3734	
Examiner Name	Lindsey Michele Bachman	
Attorney Docket Number	16497.1.1.5	

U.S. PATENT APPLICATIONS						
Examiner Initials*	Cite No.	Document Number	Filing Date	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	60/711279	08/24/2005	Sibbitt Jr. et al.		
	2	60/726985	10/14/2005	Sibbitt Jr. et al.		
	3	60/793444	04/20/2006	Jones et al.		
	4	61/015144	12/19/2007	Mackiewicz et al.		
	5	61/097072	09/15/2008	Sibbitt Jr. et al.		
	6	61/109822	10/30/2008	Mehl et al.		
	7	61/139995	12/22/2008	Clark		
	8	61/141597	12/30/2008	Clark		
	9	61/143748	01/09/2009	Mehl et al.		
	10	61/143751	01/09/2009	Voss et al.		
	11	61/145468	01/16/2009	Fortson, et al.		
	12	09/610128	07/05/2000	Kerievsky		
	13	09/866551	05/25/2001	Ginn		
	14	12/481377	06/09/2009	Clark		
	15	12/548274	08/26/2009	Clark		
	16	12/724304	03/15/2010	Fortson		
	17	12/848642	08/02/2010	Fortson et al.		

	U.S. PATENTS					
Examiner Cite Initials* Patent Number		Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	2,371,978	03/20/1945	Perham		
	2	3,926,194	12/16/1975	Greenberg et al.		
	3	3,939,820	02/24/1976	Grayzel		
	4	3,985,138	10/12/1976	Jarvik		
	5	4,018,228	04/19/1977	Goosen		
	6	4,480,356	11/06/1984	Martin		

Apı	plication Number	10/667,144		
Fili	ng Date	September 19, 2003		
Fire	st Named Inventor	Michael T. Carley		
Art	Unit	3734		
Exa	aminer Name	Lindsey Michele Bachman		
Atte	orney Docket Number	16497.1.1.5		

7	4,592,498	06/03/1986	Braun et al.	
8	4,595,559	06/24/1986	Fleischhacker	
9	4,693,249	09/15/1987	Schenck et al.	
10	4,719,917	01/19/1988	Barrows et al.	
11	4,890,612	01/02/1990	Kensey	
12	4,902,508	02/20/1990	Badylak et al.	
13	4,997,436	03/05/1991	Oberlander	
14	5,030,226	07/09/1991	Green et al.	
15	5,078,731	01/07/1992	Hayhurst	
16	5,100,422	03/31/1992	Berguer et al.	
17	5,254,105	10/19/1993	Haaga	
18	5,281,422	01/25/1994	Badylak et al.	
19	5,282,827	02/01/1994	Kensey et al.	
20	5,289,963	03/01/1994	McGarry et al.	
21	5,304,204	04/19/1994	Bregen	
22	5,330,445	07/19/1994	Haaga	
23	5,425,740	06/20/1995	Hutchinson, Jr.	
24	5,433,721	07/18/1995	Hooven et al.	
25	5,439,479	08/08/1995	Shichman et al.	
26	5,466,241	11/14/1995	Leroy et al.	
27	5,571,120	11/05/1996	Yoon	
28	5,573,784	11/12/1996	Badylak et al.	
29	5,609,597	03/11/1997	Lehrer	
30	5,613,974	03/25/1997	Andreas et al.	
31	5,649,959	07/22/1997	Hannam et al.	
32	5,713,899	2/3/1998	Marnay et al.	
33	5,728,110	03/17/1998	Vidal et al.	
34	5,755,726	05/26/1998	Pratt et al.	
35	5,766,217	06/16/1998	Christy	
36	5,797,928	08/25/1998	Kogasaka	

Application Number	10/667,144		
Filing Date	September 19, 2003		
First Named Inventor	Michael T. Carley		
Art Unit	3734		
Examiner Name	Lindsey Michele Bachman		
Attorney Docket Number	16497.1.1.5		

37 5,868,763 02/09/1999 Spence et al.  38 5,873,876 02/23/1999 Christy  39 5,891,088 04/06/1999 Thompson et al  40 5,897,487 04/27/1999 Ouchi  41 5,906,631 05/25/1999 Imran  42 5,919,207 07/06/1999 Taheri  43 5,957,936 09/28/1999 Yoon et al.  44 5,957,938 09/28/1999 Zhu et al.  45 5,976,161 11/02/1999 Kirsch et al.  46 6,010,517 01/04/2000 Baccaro  47 6,013,084 01/11/2000 Ken et al.  48 6,015,815 01/18/2000 Mollison  49 6,059,825 05/09/2000 Hobbs et al.  50 6,083,242 7/4/2000 Cook  51 6,117,157 09/12/2000 Tekulve  52 6,126,675 10/03/2000 Schervinsky et al.  53 6,152,936 11/28/2000 Christy et al.  54 6,165,204 12/26/2000 Levinson et al.  55 6,171,277 01/09/2001 Ponzi  56 6,171,329 01/09/2001 Shaw et al.  57 6,193,708 02/27/2001 Ken et al.  68 6,198,974 03/06/2001 Webster  69 6,206,931 03/27/2001 Cook et al.  61 6,210,407 04/03/2001 Ponzi  62 6,245,079 06/12/2001 Ponzi  63 6,248,124 06/19/2001 Podros et al.  64 6,254,617 07/03/2001 Pedros et al.					
39 5.891,088 04/06/1999 Thompson et al 40 5.897,487 04/27/1999 Ouchi 41 5.906,631 05/25/1999 Imran 42 5.919,207 07/06/1999 Taheri 43 5.957,936 09/28/1999 Yoon et al. 44 5.957,938 09/28/1999 Zhu et al. 45 5.976,161 11/02/1999 Kirsch et al. 46 6.010,517 01/04/2000 Baccaro 47 6.013,084 01/11/2000 Ken et al. 48 6.015,815 01/18/2000 Mollison 49 6.059,825 05/09/2000 Hobbs et al. 50 6.083,242 7/4/2000 Cook 51 6,117,157 09/12/2000 Tekulve 52 6,126,675 10/03/2000 Schervinsky et al. 53 6,152,936 11/28/2000 Christy et al. 54 6,165,204 12/26/2000 Levinson et al. 55 6,171,277 01/09/2001 Ponzi 56 6,171,329 01/09/2001 Shaw et al. 57 6,193,708 02/27/2001 Ken et al. 58 6,198,974 03/06/2001 Shaw et al. 60 6,206,931 03/27/2001 Fung et al. 61 6,210,407 04/03/2001 Pedros et al. 62 6,248,124 06/19/2001 Pedros et al. 63 6,248,124 06/19/2001 Pedros et al. 64 6,254,617 07/03/2001 Spence et al. 65 6,296,657 10/02/2001 Spence et al.	37	5,868,763	02/09/1999	Spence et al.	
40 5.897,487 04/27/1999 Ouchi 41 5.906,631 05/25/1999 Imran 42 5.919,207 07/06/1999 Taheri 43 5.957,936 09/28/1999 Yoon et al. 44 5.957,938 09/28/1999 Zhu et al. 45 5.976,161 11/02/1999 Kirsch et al. 46 6.010,517 01/04/2000 Baccaro 47 6.013,084 01/11/2000 Ken et al. 48 6.015,815 01/18/2000 Mollison 49 6.059,825 05/09/2000 Hobbs et al. 50 6.083,242 7/4/2000 Cook 51 6,117,157 09/12/2000 Tekulve 52 6,126,675 10/03/2000 Schervinsky et al. 53 6,152,936 11/28/2000 Christy et al. 54 6,165,204 12/26/2000 Levinson et al. 55 6,171,277 01/09/2001 Shaw et al. 57 6,193,708 02/27/2001 Ken et al. 58 6,198,974 03/06/2001 Shaw et al. 60 6,206,931 03/27/2001 Fung et al. 61 6,210,407 04/03/2001 Webster 62 6,245,079 06/12/2001 Nobles et al. 63 6,248,124 06/19/2001 Pedros et al. 64 6,254,617 07/03/2001 Spence et al. 65 6,296,657 10/03/2001 Spence et al.	38	5,873,876	02/23/1999	Christy	
41       5,906,631       05/25/1999       Imran         42       5,919,207       07/06/1999       Taheri         43       5,957,936       09/28/1999       Yoon et al.         44       5,957,938       09/28/1999       Zhu et al.         45       5,976,161       11/02/1999       Kirsch et al.         46       6,010,517       01/04/2000       Baccaro         47       6,013,084       01/11/2000       Ken et al.         48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Ken et al.         57       6,193,708       02/27/2001       Ken et al.         59       6,200,329       03/13/2001       Fung et al. <td>39</td> <td>5,891,088</td> <td>04/06/1999</td> <td>Thompson et al</td> <td></td>	39	5,891,088	04/06/1999	Thompson et al	
42 5,919,207 07/06/1999 Taheri 43 5,957,936 09/28/1999 Yoon et al. 44 5,957,938 09/28/1999 Zhu et al. 45 5,976,161 11/02/1999 Kirsch et al. 46 6,010,517 01/04/2000 Baccaro 47 6,013,084 01/11/2000 Ken et al. 48 6,015,815 01/18/2000 Mollison 49 6,059,825 05/09/2000 Hobbs et al. 50 6,083,242 7/4/2000 Cook 51 6,117,157 09/12/2000 Tekulve 52 6,126,675 10/03/2000 Schervinsky et al. 53 6,152,936 11/28/2000 Levinson et al. 54 6,165,204 12/26/2000 Levinson et al. 55 6,171,277 01/09/2001 Ponzi 56 6,171,329 01/09/2001 Shaw et al. 57 6,193,708 02/27/2001 Ken et al. 58 6,198,974 03/06/2001 Webster, Jr. 59 6,200,329 03/13/2001 Fung et al. 60 6,206,931 03/27/2001 Webster 62 6,245,079 06/12/2001 Nobles et al. 63 6,248,124 06/19/2001 Pedros et al. 64 6,254,617 07/03/2001 Spence et al. 66 6,296,657 10/02/2001 Spence et al.	40	5,897,487	04/27/1999	Ouchi	
43       5,957,936       09/28/1999       Yoon et al.         44       5,957,938       09/28/1999       Zhu et al.         45       5,976,161       11/02/1999       Kirsch et al.         46       6,010,517       01/04/2000       Baccaro         47       6,013,084       01/11/2000       Ken et al.         48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Co	41	5,906,631	05/25/1999	Imran	
44       5,957,938       09/28/1999       Zhu et al.         45       5,976,161       11/02/1999       Kirsch et al.         46       6,010,517       01/04/2000       Baccaro         47       6,013,084       01/11/2000       Ken et al.         48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Levinson et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles	42	5,919,207	07/06/1999	Taheri	
45	43	5,957,936	09/28/1999	Yoon et al.	
46       6,010,517       01/04/2000       Baccaro         47       6,013,084       01/11/2000       Ken et al.         48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedro	44	5,957,938	09/28/1999	Zhu et al.	
47       6,013,084       01/11/2000       Ken et al.         48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001 <td< td=""><td>45</td><td>5,976,161</td><td>11/02/1999</td><td>Kirsch et al.</td><td></td></td<>	45	5,976,161	11/02/1999	Kirsch et al.	
48       6,015,815       01/18/2000       Mollison         49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001	46	6,010,517	01/04/2000	Baccaro	
49       6,059,825       05/09/2000       Hobbs et al.         50       6,083,242       7/4/2000       Cook         51       6,117,157       09/12/2000       Tekulve         52       6,126,675       10/03/2000       Schervinsky et al.         53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Brucker	47	6,013,084	01/11/2000	Ken et al.	
50         6,083,242         7/4/2000         Cook           51         6,117,157         09/12/2000         Tekulve           52         6,126,675         10/03/2000         Schervinsky et al.           53         6,152,936         11/28/2000         Christy et al.           54         6,165,204         12/26/2000         Levinson et al.           55         6,171,277         01/09/2001         Ponzi           56         6,171,329         01/09/2001         Shaw et al.           57         6,193,708         02/27/2001         Ken et al.           58         6,198,974         03/06/2001         Webster, Jr.           59         6,200,329         03/13/2001         Fung et al.           60         6,206,931         03/27/2001         Cook et al.           61         6,210,407         04/03/2001         Webster           62         6,245,079         06/12/2001         Nobles et al.           63         6,248,124         06/19/2001         Pedros et al.           64         6,254,617         07/03/2001         Spence et al.           65         6,296,657         10/02/2001         Brucker	48	6,015,815	01/18/2000	Mollison	
51         6,117,157         09/12/2000         Tekulve           52         6,126,675         10/03/2000         Schervinsky et al.           53         6,152,936         11/28/2000         Christy et al.           54         6,165,204         12/26/2000         Levinson et al.           55         6,171,277         01/09/2001         Ponzi           56         6,171,329         01/09/2001         Shaw et al.           57         6,193,708         02/27/2001         Ken et al.           58         6,198,974         03/06/2001         Webster, Jr.           59         6,200,329         03/13/2001         Fung et al.           60         6,206,931         03/27/2001         Cook et al.           61         6,210,407         04/03/2001         Webster           62         6,245,079         06/12/2001         Nobles et al.           63         6,248,124         06/19/2001         Pedros et al.           64         6,254,617         07/03/2001         Spence et al.           65         6,296,657         10/02/2001         Brucker	49	6,059,825	05/09/2000	Hobbs et al.	
52         6,126,675         10/03/2000         Schervinsky et al.           53         6,152,936         11/28/2000         Christy et al.           54         6,165,204         12/26/2000         Levinson et al.           55         6,171,277         01/09/2001         Ponzi           56         6,171,329         01/09/2001         Shaw et al.           57         6,193,708         02/27/2001         Ken et al.           58         6,198,974         03/06/2001         Webster, Jr.           59         6,200,329         03/13/2001         Fung et al.           60         6,206,931         03/27/2001         Cook et al.           61         6,210,407         04/03/2001         Webster           62         6,245,079         06/12/2001         Nobles et al.           63         6,248,124         06/19/2001         Pedros et al.           64         6,254,617         07/03/2001         Spence et al.           65         6,296,657         10/02/2001         Brucker	50	6,083,242	7/4/2000	Cook	
53       6,152,936       11/28/2000       Christy et al.         54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	51	6,117,157	09/12/2000	Tekulve	
54       6,165,204       12/26/2000       Levinson et al.         55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	52	6,126,675	10/03/2000	Schervinsky et al.	
55       6,171,277       01/09/2001       Ponzi         56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	53	6,152,936	11/28/2000	Christy et al.	
56       6,171,329       01/09/2001       Shaw et al.         57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	54	6,165,204	12/26/2000	Levinson et al.	
57       6,193,708       02/27/2001       Ken et al.         58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	55	6,171,277	01/09/2001	Ponzi	
58       6,198,974       03/06/2001       Webster, Jr.         59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	56	6,171,329	01/09/2001	Shaw et al.	
59       6,200,329       03/13/2001       Fung et al.         60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	57	6,193,708	02/27/2001	Ken et al.	
60       6,206,931       03/27/2001       Cook et al.         61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	58	6,198,974	03/06/2001	Webster, Jr.	
61       6,210,407       04/03/2001       Webster         62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	59	6,200,329	03/13/2001	Fung et al.	
62       6,245,079       06/12/2001       Nobles et al.         63       6,248,124       06/19/2001       Pedros et al.         64       6,254,617       07/03/2001       Spence et al.         65       6,296,657       10/02/2001       Brucker	60	6,206,931	03/27/2001	Cook et al.	
63     6,248,124     06/19/2001     Pedros et al.       64     6,254,617     07/03/2001     Spence et al.       65     6,296,657     10/02/2001     Brucker	61	6,210,407	04/03/2001	Webster	
64 6,254,617 07/03/2001 Spence et al. 65 6,296,657 10/02/2001 Brucker	62	6,245,079	06/12/2001	Nobles et al.	
65 6,296,657 10/02/2001 Brucker	63	6,248,124	06/19/2001	Pedros et al.	
	64	6,254,617	07/03/2001	Spence et al.	
66 6,319,258 11/20/2001 McAllen, III et al.	65	6,296,657	10/02/2001	Brucker	
	66	6,319,258	11/20/2001	McAllen, III et al.	

Application Number	10/667,144		
Filing Date	September 19, 2003		
First Named Inventor	Michael T. Carley		
Art Unit	3734		
Examiner Name	Lindsey Michele Bachman		
Attorney Docket Number	16497.1.1.5		

67 6,328,727 12/11/2001 Frazier et al. 68 6,329,386 12/11/2001 Mollison 69 6,358,258 03/19/2002 Arcia et al. 70 6,375,671 04/23/2002 Kobayashi et al. 71 6,395,015 05/28/2002 Borst et al. 72 6,425,911 07/30/2002 Akerfeldt et al. 73 6,428,472 08/06/2002 Haas 74 6,443,963 09/03/2002 Baldwin et al. 75 6,482,224 11/19/2002 Michier et al. 76 6,508,828 01/21/2003 Akerfeldt et al. 77 6,533,812 03/18/2003 Swanson et al. 78 6,551,319 04/22/2003 Lieberman 79 6,569,185 05/27/2003 Ungs 80 6,572,629 06/03/2003 Kalloo et al. 81 6,582,482 06/24/2003 Gilman et al. 82 6,596,012 07/22/2003 Akerfeldt et al. 83 6,610,072 08/26/2003 Christy et al. 84 6,623,509 09/23/2003 Ginn 85 6,663,655 12/16/2003 Ginn 86 6,676,685 01/13/2004 Pedros et al. 87 6,712,837 03/30/2004 Akerfeldt et al. 88 6,743,195 06/01/2004 Zucker 89 6,743,259 06/01/2004 Ginn 90 6,743,259 06/01/2004 Ginn 91 6,776,785 8/17/2004 Yencho et al. 92 6,786,915 09/07/2004 Akerfeldt et al. 93 6,790,218 09/14/2004 Morris et al. 94 6,790,220 09/14/2004 Morris et al. 95 6,837,906 01/04/2005 Ginn 96 6,860,895 03/01/2005 Akerfeldt et al.					
69 6,358,258 03/19/2002 Arcia et al.  70 6,375,671 04/23/2002 Kobayashi et al.  71 6,395,015 05/28/2002 Borst et al.  72 6,425,911 07/30/2002 Akerfeldt et al.  73 6,428,472 08/06/2002 Haas  74 6,443,963 09/03/2002 Baldwin et al.  75 6,482,224 11/19/2002 Michler et al.  76 6,508,828 01/21/2003 Akerfeldt et al.  77 6,533,812 03/18/2003 Swanson et al.  78 6,551,319 04/22/2003 Lieberman  79 6,569,185 05/27/2003 Ungs  80 6,572,629 06/03/2003 Kalloo et al.  81 6,582,482 06/24/2003 Gillman et al.  82 6,596,012 07/22/2003 Akerfeldt et al.  83 6,610,072 08/26/2003 Gillman et al.  84 6,623,509 09/23/2003 Ginn et al.  85 6,663,655 12/16/2003 Ginn et al.  86 6,76,685 01/13/2004 Pedros et al.  87 6,712,837 03/30/2004 Akerfeldt et al.  88 6,743,195 06/01/2004 Zucker  89 6,743,243 06/01/2004 Roy et al.  90 6,743,259 06/01/2004 Ginn  91 6,776,785 8/17/2004 Yencho et al.  92 6,786,915 09/07/2004 Akerfeldt et al.  93 6,790,218 09/14/2004 Morris et al.	67	6,328,727	12/11/2001	Frazier et al.	
70         6,375,671         04/23/2002         Kobayashi et al.           71         6,395,015         05/28/2002         Borst et al.           72         6,425,911         07/30/2002         Akerfeldt et al.           73         6,428,472         08/06/2002         Haas           74         6,443,963         09/03/2002         Baldwin et al.           75         6,482,224         11/19/2002         Michler et al.           76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gilman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Ginn           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/1	68	6,329,386	12/11/2001	Mollison	
71         6,395,015         05/28/2002         Borst et al.           72         6,425,911         07/30/2002         Akerfeldt et al.           73         6,428,472         08/06/2002         Haas           74         6,443,963         09/03/2002         Baldwin et al.           75         6,482,224         11/19/2002         Michler et al.           76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837	69	6,358,258	03/19/2002	Arcia et al.	
72         6,425,911         07/30/2002         Akerfeldt et al.           73         6,428,472         08/06/2002         Haas           74         6,443,963         09/03/2002         Baldwin et al.           75         6,482,224         11/19/2002         Michler et al.           76         6,598,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,243	70	6,375,671	04/23/2002	Kobayashi et al.	
73         6,428,472         08/06/2002         Haas           74         6,443,963         09/03/2002         Baldwin et al.           75         6,482,224         11/19/2002         Michler et al.           76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,243         06/01/2004         Roy et al.           90         6,743,259 <t< td=""><td>71</td><td>6,395,015</td><td>05/28/2002</td><td>Borst et al.</td><td></td></t<>	71	6,395,015	05/28/2002	Borst et al.	
74         6,443,963         09/03/2002         Baldwin et al.           75         6,482,224         11/19/2002         Michler et al.           76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,195         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,743,259	72	6,425,911	07/30/2002	Akerfeldt et al.	
75         6,482,224         11/19/2002         Michler et al.           76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gilman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,243         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,776,785         8/17/2004         Yencho et al.           92         6,786,915 <td< td=""><td>73</td><td>6,428,472</td><td>08/06/2002</td><td>Haas</td><td></td></td<>	73	6,428,472	08/06/2002	Haas	
76         6,508,828         01/21/2003         Akerfeldt et al.           77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,195         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,743,259         06/01/2004         Ginn           91         6,776,785         8/17/2004         Yencho et al.           92         6,786,915         09/07/20	74	6,443,963	09/03/2002	Baldwin et al.	
77         6,533,812         03/18/2003         Swanson et al.           78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,195         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,743,259         06/01/2004         Ginn           91         6,776,785         8/17/2004         Yencho et al.           92         6,786,915         09/07/2004         Akerfeldt et al.           93         6,790,220         09/14/20	75	6,482,224	11/19/2002	Michler et al.	
78         6,551,319         04/22/2003         Lieberman           79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,195         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,743,259         06/01/2004         Ginn           91         6,776,785         8/17/2004         Yencho et al.           92         6,786,915         09/07/2004         Akerfeldt et al.           93         6,790,218         09/14/2004         Jayaraman           94         6,790,220         09/14/2005 <td>76</td> <td>6,508,828</td> <td>01/21/2003</td> <td>Akerfeldt et al.</td> <td></td>	76	6,508,828	01/21/2003	Akerfeldt et al.	
79         6,569,185         05/27/2003         Ungs           80         6,572,629         06/03/2003         Kalloo et al.           81         6,582,482         06/24/2003         Gillman et al.           82         6,596,012         07/22/2003         Akerfeldt et al.           83         6,610,072         08/26/2003         Christy et al.           84         6,623,509         09/23/2003         Ginn           85         6,663,655         12/16/2003         Ginn et al.           86         6,676,685         01/13/2004         Pedros et al.           87         6,712,837         03/30/2004         Akerfeldt et al.           88         6,743,195         06/01/2004         Zucker           89         6,743,243         06/01/2004         Roy et al.           90         6,743,259         06/01/2004         Ginn           91         6,776,785         8/17/2004         Yencho et al.           92         6,786,915         09/07/2004         Akerfeldt et al.           93         6,790,218         09/14/2004         Jayaraman           94         6,790,220         09/14/2004         Morris et al.           95         6,837,906         01/04/200	77	6,533,812	03/18/2003	Swanson et al.	
80       6,572,629       06/03/2003       Kalloo et al.         81       6,582,482       06/24/2003       Gillman et al.         82       6,596,012       07/22/2003       Akerfeldt et al.         83       6,610,072       08/26/2003       Christy et al.         84       6,623,509       09/23/2003       Ginn         85       6,663,655       12/16/2003       Ginn et al.         86       6,676,685       01/13/2004       Pedros et al.         87       6,712,837       03/30/2004       Akerfeldt et al.         88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	78	6,551,319	04/22/2003	Lieberman	
81 6,582,482 06/24/2003 Gillman et al.  82 6,596,012 07/22/2003 Akerfeldt et al.  83 6,610,072 08/26/2003 Christy et al.  84 6,623,509 09/23/2003 Ginn  85 6,663,655 12/16/2003 Ginn et al.  86 6,676,685 01/13/2004 Pedros et al.  87 6,712,837 03/30/2004 Akerfeldt et al.  88 6,743,195 06/01/2004 Zucker  89 6,743,243 06/01/2004 Roy et al.  90 6,743,259 06/01/2004 Ginn  91 6,776,785 8/17/2004 Yencho et al.  92 6,786,915 09/07/2004 Akerfeldt et al.  93 6,790,218 09/14/2004 Jayaraman  94 6,790,220 09/14/2004 Morris et al.  95 6,837,906 01/04/2005 Ginn	79	6,569,185	05/27/2003	Ungs	
82 6,596,012 07/22/2003 Akerfeldt et al.  83 6,610,072 08/26/2003 Christy et al.  84 6,623,509 09/23/2003 Ginn  85 6,663,655 12/16/2003 Ginn et al.  86 6,676,685 01/13/2004 Pedros et al.  87 6,712,837 03/30/2004 Akerfeldt et al.  88 6,743,195 06/01/2004 Zucker  89 6,743,243 06/01/2004 Roy et al.  90 6,743,259 06/01/2004 Ginn  91 6,776,785 8/17/2004 Yencho et al.  92 6,786,915 09/07/2004 Akerfeldt et al.  93 6,790,218 09/14/2004 Jayaraman  94 6,790,220 09/14/2004 Morris et al.  95 6,837,906 01/04/2005 Ginn	80	6,572,629	06/03/2003	Kalloo et al.	
83 6,610,072 08/26/2003 Christy et al.  84 6,623,509 09/23/2003 Ginn  85 6,663,655 12/16/2003 Ginn et al.  86 6,676,685 01/13/2004 Pedros et al.  87 6,712,837 03/30/2004 Akerfeldt et al.  88 6,743,195 06/01/2004 Zucker  89 6,743,243 06/01/2004 Roy et al.  90 6,743,259 06/01/2004 Ginn  91 6,776,785 8/17/2004 Yencho et al.  92 6,786,915 09/07/2004 Akerfeldt et al.  93 6,790,218 09/14/2004 Jayaraman  94 6,790,220 09/14/2004 Morris et al.  95 6,837,906 01/04/2005 Ginn	81	6,582,482	06/24/2003	Gillman et al.	
84       6,623,509       09/23/2003       Ginn         85       6,663,655       12/16/2003       Ginn et al.         86       6,676,685       01/13/2004       Pedros et al.         87       6,712,837       03/30/2004       Akerfeldt et al.         88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	82	6,596,012	07/22/2003	Akerfeldt et al.	
85       6,663,655       12/16/2003       Ginn et al.         86       6,676,685       01/13/2004       Pedros et al.         87       6,712,837       03/30/2004       Akerfeldt et al.         88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	83	6,610,072	08/26/2003	Christy et al.	
86       6,676,685       01/13/2004       Pedros et al.         87       6,712,837       03/30/2004       Akerfeldt et al.         88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	84	6,623,509	09/23/2003	Ginn	
87       6,712,837       03/30/2004       Akerfeldt et al.         88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	85	6,663,655	12/16/2003	Ginn et al.	
88       6,743,195       06/01/2004       Zucker         89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	86	6,676,685	01/13/2004	Pedros et al.	
89       6,743,243       06/01/2004       Roy et al.         90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	87	6,712,837	03/30/2004	Akerfeldt et al.	
90       6,743,259       06/01/2004       Ginn         91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	88	6,743,195	06/01/2004	Zucker	
91       6,776,785       8/17/2004       Yencho et al.         92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	89	6,743,243	06/01/2004	Roy et al.	
92       6,786,915       09/07/2004       Akerfeldt et al.         93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	90	6,743,259	06/01/2004	Ginn	
93       6,790,218       09/14/2004       Jayaraman         94       6,790,220       09/14/2004       Morris et al.         95       6,837,906       01/04/2005       Ginn	91	6,776,785	8/17/2004	Yencho et al.	
94     6,790,220     09/14/2004     Morris et al.       95     6,837,906     01/04/2005     Ginn	92	6,786,915	09/07/2004	Akerfeldt et al.	
95 6,837,906 01/04/2005 Ginn	93	6,790,218	09/14/2004	Jayaraman	
	94	6,790,220	09/14/2004	Morris et al.	
96 6,860,895 03/01/2005 Akerfeldt et al.	95	6,837,906	01/04/2005	Ginn	
	96	6,860,895	03/01/2005	Akerfeldt et al.	

Application Number	10/667,144	
Filing Date	September 19, 2003	
First Named Inventor	Michael T. Carley	
Art Unit	3734	
Examiner Name	Lindsey Michele Bachman	
Attorney Docket Number	16497.1.1.5	

97	6,890,343	05/10/2005	Ginn et al.	
98	6,896,692	05/24/2005	Ginn et al.	
99	6,969,397	11/29/2005	Ginn	
100	7,060,084	06/13/2006	Loshakove et al.	
101	7,083,635	08/01/2006	Ginn	
102	7,112,225	09/26/2006	Ginn	
103	7,311,720	12/25/2007	Mueller et al.	
104	7,316,704	01/08/2008	Bagaoisan et al.	
105	7,326,230	02/05/2008	Ravikumar	
106	7,331,979	02/19/2008	Khosravi et al.	
107	7,335,220	02/26/2008	Khosravi et al.	
108	7,361,183	04/22/2008	Ginn	
109	7,361,185	04/22/2008	O'Malley et al.	
110	7,393,363	07/01/2008	Ginn	
111	7,431,727	10/7/2008	Cole et al.	
112	7,597,706	10/06/2009	Kanner et al.	
113	7,819,895	10/26/2010	Ginn et al.	

	U.S. PATENT APPLICATION PUBLICATIONS					
Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	20010046518	11/29/2001	Sawhney		
	2	20020038127	03/28/2002	Blatter et al.		
	3	20020099389	07/25/2002	Michler et al.		
	4	20020106409	08/08/2002	Sawhney et al.		
	5	20020183786	12/05/2002	Girton		
	6	20030045893	03/06/2003	Ginn		
	7	20030055455	03/20/2003	Yang et al.		
	8	20030233095	12/18/2003	Urbanski et al.		
	9	20040009205	01/15/2004	Sawhney		
	10	20040068273	04/08/2004	Fariss et al.		

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

12         20040127940         07/01/2004         Gir           13         20040143290         07/22/2004         Br           14         20040158127         08/12/2004         C           15         20040158287         08/12/2004         Cra           16         20040158309         08/12/2004         Wac           17         20040167511         08/26/2004         Buehlr           18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Snc           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Bret           26         20050085851         04/21/2005         Fo           28         20050085854         04/21/2005         Fo           29         20050121042         06/09/2005         Bel           30         20050149	
13         20040143290         07/22/2004         Br           14         20040158127         08/12/2004         C           15         20040158287         08/12/2004         Cra           16         20040158309         08/12/2004         Waci           17         20040167511         08/26/2004         Buehlr           18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Sno           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boy           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fot           27         20050085854         04/21/2005         Fot           29         20050121042         06/09/2005         Bell           30         20050149117         07/07/2005         Khos           31         2005	siak et al.
14         20040158127         08/12/2004         Co           15         20040158287         08/12/2004         Cra           16         20040158309         08/12/2004         Waci           17         20040167511         08/26/2004         Buehlr           18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Snc           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boy           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fo           29         20050121042         06/09/2005         Bell           30         20050149117         07/07/2005         Khos           31         20050187564         08/25/2005         Jay           33         20	nn et al.
15 20040158287 08/12/2004 Cra 16 20040158309 08/12/2004 Waci 17 20040167511 08/26/2004 Buehlt 18 20040191277 09/30/2004 Sawh 19 20040215232 10/28/2004 Beli 20 20040249412 12/09/2004 Snc 21 20040267193 12/30/2004 Bagac 22 20040267308 12/30/2004 Bagac 23 20050038460 02/17/2005 Jay 24 20050038500 02/17/2005 Brer 26 20050075665 04/07/2005 Brer 26 20050085851 04/21/2005 Fieh 27 20050085854 04/21/2005 Fieh 28 20050085855 04/21/2005 Beli 30 20050121042 06/09/2005 Beli 30 20050149117 07/07/2005 Gir 31 20050177189 08/11/2005 Gir 32 20050187564 08/25/2005 Jay 33 2005022614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir	rightbill
16         20040158309         08/12/2004         Waci           17         20040167511         08/26/2004         Buehlr           18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Snc           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fc           29         20050121042         06/09/2005         Bell           30         20050149117         07/07/2005         Khos           31         20050177189         08/11/2005         Gir           32         20050187564         08/25/2005         Jay           33         20050222614         10/06/2005         Khos           35 <td< td=""><td>Dkada</td></td<>	Dkada
17         20040167511         08/26/2004         Buehlr           18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Snot           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fo           28         20050085855         04/21/2005         Bell           30         20050121042         06/09/2005         Bell           31         20050177189         08/11/2005         Gir           32         20050187564         08/25/2005         Jay           33         20050222614         10/06/2005         Khos           34         20050267528         12/01/2005         Gir           36 <td< td=""><td>agg et al.</td></td<>	agg et al.
18         20040191277         09/30/2004         Sawh           19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Sno           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fc           29         20050121042         06/09/2005         Bell           30         20050121042         06/09/2005         Khos           31         20050177189         08/11/2005         Gir           32         20050187564         08/25/2005         Jay           33         20050222614         10/06/2005         Khos           34         20050245876         11/03/2005         Khos           35         20050273137         12/08/2005         Gir	hter et al.
19         20040215232         10/28/2004         Bell           20         20040249412         12/09/2004         Snot           21         20040267193         12/30/2004         Bagad           22         20040267308         12/30/2004         Bagad           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fo           28         20050085855         04/21/2005         Fo           29         20050121042         06/09/2005         Bell           30         20050149117         07/07/2005         Khos           31         20050187564         08/25/2005         Jay           32         20050187564         08/25/2005         Jay           33         20050222614         10/06/2005         Gir           34         20050245876         11/03/2005         Khos           35         20050273137         12/08/2005         Gir	mann et al.
20         20040249412         12/09/2004         Snot           21         20040267193         12/30/2004         Bagac           22         20040267308         12/30/2004         Bagac           23         20050038460         02/17/2005         Jay           24         20050038500         02/17/2005         Boyl           25         20050075665         04/07/2005         Brer           26         20050085851         04/21/2005         Fieh           27         20050085854         04/21/2005         Fo           29         20050121042         06/09/2005         Bell           30         20050149117         07/07/2005         Khos           31         20050177189         08/11/2005         Gir           32         20050187564         08/25/2005         Jay           33         20050222614         10/06/2005         Gir           34         20050245876         11/03/2005         Khos           35         20050267528         12/01/2005         Gir           36         20050273137         12/08/2005         Gir	nney et al.
21       20040267193       12/30/2004       Bagad         22       20040267308       12/30/2004       Bagad         23       20050038460       02/17/2005       Jay         24       20050038500       02/17/2005       Boy         25       20050075665       04/07/2005       Brer         26       20050085851       04/21/2005       Fieh         27       20050085854       04/21/2005       Fc         29       20050121042       06/09/2005       Bell         30       20050149117       07/07/2005       Khos         31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	he et al.
22 20040267308 12/30/2004 Bagad 23 20050038460 02/17/2005 Jay 24 20050038500 02/17/2005 Boyl 25 20050075665 04/07/2005 Free 26 20050085851 04/21/2005 28 20050085855 04/21/2005 29 20050121042 06/09/2005 Bell 30 20050149117 07/07/2005 Khos 31 20050177189 08/11/2005 Gir 32 20050187564 08/25/2005 Jay 33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Gir 36 20050273137 12/08/2005	ow et al.
23 20050038460 02/17/2005 Jay 24 20050038500 02/17/2005 Boyl 25 20050075665 04/07/2005 Brer 26 20050085851 04/21/2005 Fieh 27 20050085854 04/21/2005 28 20050085855 04/21/2005 Fo 29 20050121042 06/09/2005 Bell 30 20050149117 07/07/2005 Khos 31 20050177189 08/11/2005 Gir 32 20050187564 08/25/2005 Jay 33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir	oisan et al.
24       20050038500       02/17/2005       Boyl         25       20050075665       04/07/2005       Brer         26       20050085851       04/21/2005       Fieh         27       20050085854       04/21/2005       Fo         28       20050085855       04/21/2005       Bell         30       20050121042       06/09/2005       Bell         30       20050149117       07/07/2005       Khos         31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	oisan et al.
25 20050075665 04/07/2005 Bren 26 20050085851 04/21/2005 Fieh 27 20050085854 04/21/2005  28 20050085855 04/21/2005 Fcc 29 20050121042 06/09/2005 Bell 30 20050149117 07/07/2005 Khos 31 20050177189 08/11/2005 Gir 32 20050187564 08/25/2005 Jay 33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir	yaraman
26       20050085851       04/21/2005       Fieh         27       20050085854       04/21/2005       6         28       20050085855       04/21/2005       Fo         29       20050121042       06/09/2005       Bell         30       20050149117       07/07/2005       Khos         31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	rlan et al.
27       20050085854       04/21/2005         28       20050085855       04/21/2005       Formula in the property of the	nzel et al
28       20050085855       04/21/2005       Formal         29       20050121042       06/09/2005       Bell         30       20050149117       07/07/2005       Khos         31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	nler et al.
29       20050121042       06/09/2005       Bell         30       20050149117       07/07/2005       Khos         31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	Ginn
30 20050149117 07/07/2005 Khos 31 20050177189 08/11/2005 Gir 32 20050187564 08/25/2005 Jay 33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir 36 20050273137 12/08/2005	orsberg
31       20050177189       08/11/2005       Gir         32       20050187564       08/25/2005       Jay         33       20050222614       10/06/2005       Gir         34       20050245876       11/03/2005       Khos         35       20050267528       12/01/2005       Gir         36       20050273137       12/08/2005	he et al.
32 20050187564 08/25/2005 Jay 33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir 36 20050273137 12/08/2005	sravi et al.
33 20050222614 10/06/2005 Gir 34 20050245876 11/03/2005 Khos 35 20050267528 12/01/2005 Gir 36 20050273137 12/08/2005	nn et al.
34     20050245876     11/03/2005     Khos       35     20050267528     12/01/2005     Gir       36     20050273137     12/08/2005	yaraman
35 20050267528 12/01/2005 Gir 36 20050273137 12/08/2005	nn et al.
36 20050273137 12/08/2005	sravi et al.
	nn et al.
37 20060030867 02/09/2006 Z	Ginn
	Zadno
38 20060034930 02/16/2006 Khos	sravi et al.
39 20060047313 03/02/2006 Khai	nna et al.
40 20060100664 05/11/2006 Pa	ai et al.

Apı	plication Number	10/667,144
Fili	ng Date	September 19, 2003
Fire	st Named Inventor	Michael T. Carley
Art	Unit	3734
Exa	aminer Name	Lindsey Michele Bachman
Atte	orney Docket Number	16497.1.1.5

41         2006026146         09/14/2006         Tenerez           42         20060253037         11/09/2006         Ginn et al.           43         20060253072         11/09/2006         Pai et al.           44         20060259049         11/16/2006         Harada et al.           45         20070049967         03/01/2007         Sibbit Jr.et al.           46         20070049968         03/01/2007         Sibbit Jr.et al.           47         20070060895         03/15/2007         Sibbit Jr.et al.           48         20070069550         03/15/2007         Khosravi et al.           49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           54         20070203506         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225758         09/27/2007         Preinitz et al.					
43         20060253072         11/09/2006         Pai et al.           44         20060259049         11/16/2006         Harada et al.           45         20070049967         03/01/2007         Sibbitt Jr.et al.           46         20070049968         03/01/2007         Sibbitt Jr.et al.           47         20070060950         03/15/2007         Khosravi et al.           48         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         McLaughlin et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           59         20070225758         09/27/2007         Preinitz et al.           59         2007023909         10/11/2007         Fallman	4	20060206146	09/14/2006	Tenerez	
44         20060259049         11/16/2006         Harada et al.           45         20070049967         03/01/2007         Sibbitt Jr. et al.           46         20070049968         03/01/2007         Sibbitt Jr. et al.           47         20070060895         03/15/2007         Sibbitt Jr. et al.           48         20070060950         03/15/2007         Khosravi et al.           49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         McLaughlin et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225756         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070239000         10/125/2007         Jones et al.	42	2 20060253037	11/09/2006	Ginn et al.	
45         20070049967         03/01/2007         Sibbitt Jr.et al.           46         20070049968         03/01/2007         Sibbitt Jr.et al.           47         20070060895         03/15/2007         Sibbitt Jr.et al.           48         20070060950         03/15/2007         Khosravi et al.           49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         2007025080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Wachter et al.	4:	3 20060253072	11/09/2006	Pai et al.	
46       20070049968       03/01/2007       Sibbitt Jr.et al.         47       20070060895       03/15/2007       Sibbitt Jr.et al.         48       20070060950       03/15/2007       Khosravi et al.         49       20070083230       04/12/2007       Javois         50       20070112304       05/17/2007       Voss         51       20070123817       05/31/2007       Khosravi et al.         52       2007019527       08/02/2007       Eskuri et al.         53       20070203506       08/30/2007       Sibbitt, JR. et al.         54       20070203507       08/30/2007       McLaughlin et al.         55       20070225755       09/27/2007       Preinitz et al.         56       20070225756       09/27/2007       Preinitz et al.         57       20070225757       09/27/2007       Preinitz et al.         58       20070225758       09/27/2007       Preinitz et al.         59       20070239209       10/11/2007       Fallman         60       2007025080       10/25/2007       Jones et al.         61       20070265658       11/15/2007       Nelson et al.         62       20070276488       11/29/2007       Wachter et al.      <	44	20060259049	11/16/2006	Harada et al.	
47         20070060895         03/15/2007         Sibbitt Jr.et al.           48         20070060950         03/15/2007         Khosravi et al.           49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070239209         10/11/2007         Nelson et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al. <tr< td=""><td>4:</td><td>20070049967</td><td>03/01/2007</td><td>Sibbitt Jr.et al.</td><td></td></tr<>	4:	20070049967	03/01/2007	Sibbitt Jr.et al.	
48         20070060950         03/15/2007         Khosravi et al.           49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         20080004640         01/03/2008         Blingwood	40	20070049968	03/01/2007	Sibbitt Jr.et al.	
49         20070083230         04/12/2007         Javois           50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         2007025080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008005839         03/06/2008         Nobles et al.           65         2008005839         03/13/2008         Ginn           67	4	20070060895	03/15/2007	Sibbitt Jr.et al.	
50         20070112304         05/17/2007         Voss           51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         20080098839         03/06/2008         Nobles et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080066151         03/13/2008         Ginn           6	48	3 20070060950	03/15/2007	Khosravi et al.	
51         20070123817         05/31/2007         Khosravi et al.           52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070266658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         2008005839         03/06/2008         Nobles et al.           66         20080066075         04/10/2008         Isik et al	49	20070083230	04/12/2007	Javois	
52         20070179527         08/02/2007         Eskuri et al.           53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         2007025080         10/25/2007         Jones et al.           61         20070266658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         20080004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         2008005839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Bender et al	50	20070112304	05/17/2007	Voss	
53         20070203506         08/30/2007         Sibbitt, JR. et al.           54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         2008005839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           69         20080114395         05/15/2008         Mathisen et al.	5	1 20070123817	05/31/2007	Khosravi et al.	
54         20070203507         08/30/2007         McLaughlin et al.           55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           68         200800114395         05/15/2008         Mathisen et al.	52	2 20070179527	08/02/2007	Eskuri et al.	
55         20070225755         09/27/2007         Preinitz et al.           56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           69         20080114395         05/15/2008         Mathisen et al.	53	3 20070203506	08/30/2007	Sibbitt, JR. et al.	
56         20070225756         09/27/2007         Preinitz et al.           57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           68         20080093414         04/24/2008         Bender et al           69         20080114395         05/15/2008         Mathisen et al.	54	20070203507	08/30/2007	McLaughlin et al.	
57         20070225757         09/27/2007         Preinitz et al.           58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         20080004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           68         20080093414         04/24/2008         Bender et al           69         20080114395         05/15/2008         Mathisen et al.	55	20070225755	09/27/2007	Preinitz et al.	
58         20070225758         09/27/2007         Preinitz et al.           59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           68         20080093414         04/24/2008         Bender et al           69         20080114395         05/15/2008         Mathisen et al.	56	3 20070225756	09/27/2007	Preinitz et al.	
59         20070239209         10/11/2007         Fallman           60         20070250080         10/25/2007         Jones et al.           61         20070265658         11/15/2007         Nelson et al.           62         20070276488         11/29/2007         Wachter et al.           63         2008004640         01/03/2008         Ellingwood           64         2008009794         01/10/2008         Bagaoisan et al.           65         20080058839         03/06/2008         Nobles et al.           66         20080065151         03/13/2008         Ginn           67         20080086075         04/10/2008         Isik et al           68         20080093414         04/24/2008         Bender et al           69         20080114395         05/15/2008         Mathisen et al.	5	7 20070225757	09/27/2007	Preinitz et al.	
60       20070250080       10/25/2007       Jones et al.         61       20070265658       11/15/2007       Nelson et al.         62       20070276488       11/29/2007       Wachter et al.         63       20080004640       01/03/2008       Ellingwood         64       20080009794       01/10/2008       Bagaoisan et al.         65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	58	3 20070225758	09/27/2007	Preinitz et al.	
61       20070265658       11/15/2007       Nelson et al.         62       20070276488       11/29/2007       Wachter et al.         63       20080004640       01/03/2008       Ellingwood         64       2008009794       01/10/2008       Bagaoisan et al.         65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	59	20070239209	10/11/2007	Fallman	
62       20070276488       11/29/2007       Wachter et al.         63       20080004640       01/03/2008       Ellingwood         64       2008009794       01/10/2008       Bagaoisan et al.         65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	60	20070250080	10/25/2007	Jones et al.	
63       20080004640       01/03/2008       Ellingwood         64       2008009794       01/10/2008       Bagaoisan et al.         65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	6	1 20070265658	11/15/2007	Nelson et al.	
64       20080009794       01/10/2008       Bagaoisan et al.         65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	62	2 20070276488	11/29/2007	Wachter et al.	
65       20080058839       03/06/2008       Nobles et al.         66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	63	3 20080004640	01/03/2008	Ellingwood	
66       20080065151       03/13/2008       Ginn         67       20080086075       04/10/2008       Isik et al         68       20080093414       04/24/2008       Bender et al         69       20080114395       05/15/2008       Mathisen et al.	64	20080009794	01/10/2008	Bagaoisan et al.	
67     20080086075     04/10/2008     Isik et al       68     20080093414     04/24/2008     Bender et al       69     20080114395     05/15/2008     Mathisen et al.	6	20080058839	03/06/2008	Nobles et al.	
68     20080093414     04/24/2008     Bender et al       69     20080114395     05/15/2008     Mathisen et al.	66	20080065151	03/13/2008	Ginn	
69 20080114395 05/15/2008 Mathisen et al.	6	20080086075	04/10/2008	Isik et al	
	68	3 20080093414	04/24/2008	Bender et al	
70 20080300628 12/04/2008 Ellingwood	69	20080114395	05/15/2008	Mathisen et al.	
	70	20080300628	12/04/2008	Ellingwood	

L	Application Number	10/667,144
Filing Date		September 19, 2003
	First Named Inventor	Michael T. Carley
	Art Unit	3734
	Examiner Name	Lindsey Michele Bachman
	Attorney Docket Number	16497.1.1.5

71	20080312740	12/18/2008	Wachter et al.	
72	20080319475	12/25/2008	Clark	
73	20090157101	06/18/2009	Reyes et al.	
74	20090187215	07/23/2009	Mackiewicz et al.	
75	20090254119	10/08/2009	Sibbitt Jr.et al.	
76	20090287244	11/19/2009	Kokish	
77	20100114159	05/06/2010	Roorda et al.	
78	20100114156	05/06/2010	Mehl	
79	20100130965	05/27/2010	Sibbitt Jr.	
80	20100168790	07/01/2010	Clark	
81	20100179571	07/15/2010	Voss	
82	20100179567	07/15/2010	Voss et al.	
83	20100179589	07/15/2010	Roorda et al.	
84	20100179590	07/15/2010	Fortson et al.	
85	20100179572	07/15/2010	Voss et al.	
86	20100185234	07/22/2010	Fortson, et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Country Code	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 1	
	1	DE102006056283	06/05/2008	DE			
	2	EP 1 867 287	12/19/2007	EP			
	3	FR 2 768 324	03/19/1999	FR			
	4	GB 2 397 240	07/21/2004	GB			
	5	JP 2000102546	04/11/2000	JP			
	6	WO 00/27311	05/18/2000	WO			
	7	WO 00/27313	05/18/2000	WO			
	8	WO 02/62234	08/15/2002	WO			
	9	WO 03/94748	11/20/2003	WO			
	10	WO 04/12602	02/12/2004	WO			
	11	WO 05/000126	01/06/2005	WO			

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Country Code	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 1	
	12	WO 05/006990	01/27/2005	WO			
	13	WO 05/041782	05/12/2005	WO			
	14	WO 05/063129	07/14/2005	WO			
	15	WO 05/092204	10/06/2005	WO			
	16	WO 05/110240	11/24/2005	WO			
	17	WO 05/112782	12/01/2005	WO			
	18	WO 05/115251	12/08/2005	WO			
	19	WO 06/000514	01/05/2006	WO			
	20	WO 06/026116	03/09/2006	WO			
	21	WO 06/052611	05/18/2006	WO			
	22	WO 06/052612	05/18/2006	WO			
	23	WO 06/078578	07/27/2006	WO			
	24	WO 06/115901	11/02/2006	WO			
	25	WO 06/115904	11/02/2006	WO			
	26	WO 06/118877	11/09/2006	WO			
	27	WO 07/25014	03/01/2007	WO			
	28	WO 07/25017	03/01/2007	WO			
	29	WO 07/25018	03/01/2007	WO			
	30	WO 07/25019	03/01/2007	WO			
	31	WO 07/81836	07/19/2007	WO			
	32	WO 07/88069	08/09/2007	WO			
	33	WO 08/036384	03/27/2008	WO			
	34	WO 08/074027	06/19/2008	WO			
	35	WO 08/150915	12/11/2008	WO			
	36	WO 09/079091	06/25/2009	WO			
	37	WO 10/062693	06/03/2010	WO			
	38	WO 10/031050	03/18/2010	WO			
	39	WO 10/081101	07/15/2010	WO			

Application Number	10/667,144
Filing Date	September 19, 2003
First Named Inventor	Michael T. Carley
Art Unit	3734
Examiner Name	Lindsey Michele Bachman
Attorney Docket Number	16497.1.1.5

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Country Code	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 1	
	40	WO 10/081102	07/15/2010	WO			
	41	WO 10/081103	07/15/2010	WO			
	42	WO 10/081106	07/15/2010	WO			
	43	WO 99/40849	08/19/1999	WO			

	OFFICE ACTION / NOTICE OF ALLOWANCE DOCUMENTS						
Examiner Initials*	Cite No.	Application Number	Mail Date	Document			
	1	10/006400	04/27/2010	Notice of Allowance			
	2	10/006400	08/02/2010	Notice of Allowance			
	3	10/147774	06/08/2010	Office Action			
	4	10/264306	06/15/2010	Office Action			
	5	10/356214	05/13/2010	Notice of Allowance			
	6	10/356214	09/03/2010	Notice of Allowance			
	7	10/435104	07/23/2009	Notice of Allowance			
	8	10/435104	06/02/2010	Office Action			
	9	10/435104	10/05/2010	Notice of Allowance			
	10	10/517004	04/23/2010	Notice of Allowance			
	11	10/517004	08/03/2010	Notice of Allowance			
	12	10/541083	05/10/2010	Notice of Allowance			
	13	10/541083	08/17/2010	Notice of Allowance			
	14	10/616832	05/12/2010	Notice of Allowance			
	15	10/616832	09/20/2010	Notice of Allowance			
	16	10/638115	04/02/2010	Notice of Allowance			
	17	10/638115	08/13/2010	Notice of Allowance			
	18	10/682459	04/28/2010	Office Action			
	19	10/682459	10/12/2010	Office Action			
	20	10/787073	08/25/2010	Notice of Allowance			

L	Application Number	10/667,144	
	Filing Date	September 19, 2003	
	First Named Inventor	Michael T. Carley	
	Art Unit	3734	
	Examiner Name	Lindsey Michele Bachman	
	Attorney Docket Number	16497.1.1.5	

21	10/787073	09/15/2010	Issue Notification	
22	11/048503	04/26/2010	Notice of Allowance	
23	11/048503	07/30/2010	Notice of Allowance	
24	11/113549	07/06/2010	Office Action	
25	11/152562	03/31/2010	Office Action	
26	11/152562	09/16/2010	Notice of Allowance	
27	11/198811	06/29/2010	Notice of Allowance	
28	11/316775	04/16/2008	Office Action	
29	11/316775	08/06/2008	Office Action	
30	11/344891	05/07/2010	Office Action	
31	11/390586	07/06/2010	Office Action	
32	11/396141	05/04/2010	Office Action	
33	11/396731	06/29/2010	Office Action	
34	11/406203	06/18/2010	Notice of Allowance	
35	11/406203	10/06/2010	Issue Notification	
36	11/427297	09/15/2010	Office Action	
37	11/427309	05/28/2008	Office Action	
38	11/427309	01/02/2009	Office Action	
39	11/427309	04/20/2009	Office Action	
40	11/427309	11/06/2009	Office Action	
41	11/427309	04/26/2010	Office Action	
42	11/508656	12/09/2009	Office Action	
43	11/508656	03/25/2010	Office Action	
44	11/508656	08/30/2010	Office Action	
45	11/508662	12/28/2009	Office Action	
46	11/508662	04/14/2010	Office Action	
47	11/508715	01/06/2010	Office Action	
48	11/508715	04/26/2010	Office Action	
49	11/532576	04/23/2010	Office Action	
50	11/532576	10/13/2010	Notice of Allowance	

(Not for submission under 37 CFR 1.99)

Application Number	10/667,144	
Filing Date	September 19, 2003	
First Named Inventor	Michael T. Carley	
Art Unit	3734	
Examiner Name	Lindsey Michele Bachman	
Attorney Docket Number	16497.1.1.5	

11/674930	01/08/2009	Office Action
11/674930	06/04/2009	Office Action
11/674930	01/08/2010	Office Action
11/675462	08/31/2010	Office Action
11/757108	11/25/2009	Office Action
11/767818	12/24/2009	Office Action
11/767818	03/22/2010	Office Action
11/767818	09/30/2010	Office Action
11/852190	06/24/2010	Office Action
11/958281	09/02/2010	Office Action
11/958281	10/08/2010	Office Action
11/958295	05/25/2010	Office Action
11/959334	04/14/2010	Notice of Allowance
11/959334	07/23/2010	Notice of Allowance
12/106928	05/10/2010	Office Action
12/113851	04/27/2010	Office Action
12/113851	06/24/2010	Office Action
12/114031	10/05/2010	Office Action
12/365397	09/13/2010	Office Action
12/402398	05/20/2010	Office Action
12/403256	03/30/2010	Office Action
		ALC: CAU
12/403256	08/19/2010	Notice of Allowance
12/403256 12/403277	08/19/2010 07/08/2010	Office Action
	11/674930 11/674930 11/675462 11/757108 11/767818 11/767818 11/767818 11/852190 11/958281 11/958281 11/958295 11/959334 11/959334 12/106928 12/113851 12/113851 12/114031 12/365397 12/402398	11/674930       06/04/2009         11/674930       01/08/2010         11/675462       08/31/2010         11/757108       11/25/2009         11/767818       12/24/2009         11/767818       03/22/2010         11/767818       09/30/2010         11/852190       06/24/2010         11/958281       09/02/2010         11/958281       10/08/2010         11/958295       05/25/2010         11/959334       04/14/2010         11/959334       07/23/2010         12/106928       05/10/2010         12/113851       06/24/2010         12/113851       06/24/2010         12/114031       10/05/2010         12/365397       09/13/2010         12/402398       05/20/2010

EXAMINER SIGNATURE						
Examiner Signature		Date Considered				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant is to place a check mark here if English language translation is attached.